Claims

Having thus described my invention, I claim:

(currently amended) → 1.Flushing base for draining liquid, comprising:

(a) a bottom waste section of rigid material of sufficient size and volume which funnels downward from a flat top to a flushing orifice;

(b) a screening means for providing a porous barrier between an upper main liquid chamber and a lower waste section chamber;

(c)a plugging seal that can be manipulated to open and close the flushing orifice at a beginning of an entrance of the orifice;

whereby said location of the plugging seal at the beginning of an entrance of the orifice allows for a maximum flow for a predetermined cross section at the entrance;

whereby said location of the plugging seal at the beginning of the entrance of the orifice does not interfere with the cross section throughout a liquid flow path from the entrance to a discharge point,

wherein the base further comprises of various attachments to be attached at a discharge point of the flushing orifice and, wherein said attachment selected

from the group consisting of water-change cap, secondary seal cap, air-bubble cap, liquid recycle cap, and air-liquid-recycle cap.

(Cancelled) → 2.The flushing base as described in claim 1 and further comprising:
various attachments of different functions to be attached at the discharge point of the discharge orifice.

Cancelled

(Currently amended) → 3.The flushing base as described in claim 1 wherein said attachment is a water-change cap for flushing out the liquid.

(Currently amended) → 4.The flushing base as described in claim 1 wherein said attachment is a secondary seal cap for adding addition seal to the discharge point.

(Currently amended) → 5.The flushing base as described in claim 1 wherein said attachment is an air-bubble cap to generate air bubbles for circulation and oxygenation at a lowest point of the orifice.

(Currently amended) → 6.The flushing base as described in claim 1 wherein said attachment is a liquid recycle cap that has a smaller orifice for connection to various style connectors.

(Currently amended) → 7.The flushing base as described in claim 1 wherein said attachment is an air-liquid-recycle cap to generate air

bubbles and to provide a smaller orifice for making connection to various style connectors.

8.A flushing base as described in claim 1 wherein:
the bottom waste section can have plurality of receiving features to allow supporting pads to be mounted and adjusted for height.

9.The flushing base as described in claim 8 wherein said supporting pads get screwed into the receiving features at various heights whereby said supporting pads will help in spreading out the weight to various areas on the bottom waste section.

10. The flushing base as described in claim 1 and further comprising:
a liquid holding tank having an appropriate cutout undersurface for joining to the top surface of the bottom waste section.

(Currently amended) → 11. The flushing base as described in claim 1 and further comprising:
an aquarium stand having a plurality of designedly vertical walls; and tops of the designedly vertical walls of the aquarium stand being attachable to bottoms of the designedly vertical walls of the aquarium proximate a position of attachment of designedly coned walls of the

bottom waste section to the designedly vertical walls of the aquarium.

12. The flushing base as described in claim 1 and further comprising:

a removable center screen for servicing the flushing base.

13. The flushing base as described in claim 1 wherein:

(a) the screening means is a net having mesh orifices sized and shaped to prevent passage of desired aquatic life and desired articles in the aquarium while allowing passage of feces and waste products related to culture of the desired aquatic life;

(b)the net is positioned on a grate that is rigid;

(c)the grate is oriented horizontally and extended between the vertical walls of the aquarium at a position proximate a joinder of tops of the walls of the bottom waste section and the top aquatic section, such that the screening means forms a bottom of the aquarium that separates the top aquatic section from the bottom waste section.

(currently amended) → 14. The flushing base as described in claim 1 wherein:

the plugging seal is in a closed position when the plugging seal is pulled down;

the plugging seal is in an open position when the plugging seal is pushed up.

15. The flushing base as described in claim 14 wherein: the plugging seal has an attachment feature to receive a sliding rod.

16. The flushing base as described in claim 15 wherein: The sliding rod is attached to said plugging seal on one end and it has a female receiving feature on the other end for capturing a leverage bar.

17. The flushing base as described in claim 16 wherein: The said leverage bar goes through the said sliding rod to act as a lever to open and close the said plugging seal.

(currently amended) → 18. The flushing base as described in claim 17 wherein: A water change cap has a sleeve feature for the said sliding rod to move up and down;
The said water change cap has capturing features that allow said leverage bar to be held in an open position.